

Title (en)

Low magnetic interference battery and mobile communication device

Title (de)

Akku mit geringer magnetischer Interferenz und mobile Kommunikationsvorrichtung

Title (fr)

Batterie à faible interférence magnétique et dispositif de communication mobile

Publication

EP 2276090 A1 20110119 (EN)

Application

EP 09165462 A 20090714

Priority

EP 09165462 A 20090714

Abstract (en)

A communication device and battery there for, are provided. In at least one of the battery and the communication device is provided a magnetic shield portion (712, 1012, 1412, 1512a, 1512b) for routing magnetic flux away from the receiver (224) when the radio (201) is in operation. The magnetic shield portion (712, 1012, 1412, 1512a, 1512b) can be incorporated into at least one of the battery and the communication device. When the battery is inserted into mobile communications device, the magnetic shield portion (712, 1012, 1412, 1512a, 1512b) is located substantially between a battery portion, in the battery, and the receiver (224).

IPC 8 full level

H01M 50/103 (2021.01); **H01M 50/119** (2021.01); **H01M 50/133** (2021.01); **H01M 50/209** (2021.01)

CPC (source: EP US)

H01M 50/103 (2021.01 - EP US); **H01M 50/119** (2021.01 - EP US); **H01M 50/133** (2021.01 - EP US); **H01M 50/209** (2021.01 - EP US); **H04B 15/02** (2013.01 - EP); **H04M 1/0262** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (applicant)

US 7488553 B2 20090210 - TSUKAMOTO HISASHI [US], et al

Citation (search report)

- [X] US 2007232371 A1 20071004 - SOEKAWA KOUJI [JP], et al
- [X] JP 2003067692 A 20030307 - NIPPON TELEGRAPH & TELEPHONE
- [X] JP 2002261894 A 20020913 - KYOCERA CORP
- [X] JP 2008251283 A 20081016 - KYOCERA CORP
- [X] US 2008261109 A1 20081023 - SHIEH JAN-SHYANG [TW]
- [X] "BATTERY SHIELDING LABEL", IBM TECHNICAL DISCLOSURE BULLETIN, US., vol. 40, no. 4, 1 April 1997 (1997-04-01), pages 187 - 190, XP000728308, ISSN: 0018-8689
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Designated contracting state (EPC)

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DOCDB simple family (application)

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